IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Original) A method for accepting and processing an application for conformity of a supplier dictionary to a standard dictionary using a computer system, said standard dictionary, which is used for an electronic catalog of a component, having a classification hierarchy consisted of a component class related to a tree structure and a property of the component class, said method comprising;

receiving application data for said application transmitted from said supplier in respect to said supplier dictionary, the application data including information as to whether or not the supplier dictionary is intended for open to public, a conformity level, and a license level;

determining whether or not said supplier dictionary is intended for open to public with reference to said application data;

determining charge level according to the conformity level and the license level included in said application data if the supplier dictionary is intended for open to public;

transmitting data indicating the determined charge level to said supplier;

transmitting a verification program to said supplier in order to verify, at the side of said supplier, the conformity at the conformity level indicated in said application data;

transmitting said standard dictionary to said supplier; and

charging said supplier in accordance with said determined charge level.

2. (Original) The method of claim 1, wherein if said supplier dictionary is not intended for open to public, the verification program for verifying the conformity at the

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conformity level indicated in the application data is transmitted to the supplier without charging the supplier.

3. (Original) The method of claim 1, further comprising:

issuing a supplier code for identifying said supplier, the supplier code being related to said application data.

4. (Original) The method of claim 1, further comprising:

storing data regarding the supplier while associating the data with the issued supplier code.

5. (Original) The method of claim 1, wherein said conformity level includes:

a first conformity level in which the supplier dictionary is in conformity with the standard dictionary regarding terms, but out of conformity regarding the classification hierarchy and the property;

a second conformity level in which the supplier dictionary is in conformity with the standard dictionary regarding an object of the component, but out of conformity regarding the classification hierarchy;

a third conformity level in which the supplier dictionary is in conformity with the standard dictionary regarding a part of the classification hierarchy, but out of conformity regarding the property;

a fourth conformity level in which the supplier dictionary is in conformity with the standard dictionary regarding a part of the classification hierarchy and the property thereof;

a fifth conformity level in which the supplier dictionary is in conformity with the standard dictionary regarding the entire classification hierarchy, but out of conformity regarding the property; and

a sixth conformity level in which the supplier dictionary is in conformity with the standard dictionary regarding the entire classification hierarchy and the property thereof.

6. (Original) The method of claim 1, wherein said license level includes:

a first license level in which the standard dictionary is used as it is;

a second license level in which a new candidate of value can be added to the property;

a third license level in which a new property can be added to the component class;

a fourth license level in which a new component class can be added to an lowermost layer of the classification hierarchy; and

a fifth license level in which a new component class can be added to any layer of the classification hierarchy.

7. (Original) The method of claim 1, wherein said verification program compares the definition of the supplier dictionary with the definition of the standard dictionary based on the given conformity level, and determines whether or not the conformity level is kept according to the obtained result of comparison.

8. (Original) A computer system configured to accept and processes an application for conformity of a supplier dictionary to a standard dictionary using a computer system, said standard dictionary, which is used for an electronic catalog of a component, having a

classification hierarchy consisted of a component class related to a tree structure and a property of the component class, said system comprising:

a receiver connected to a network, configured to receive application data for said application transmitted via the network from said supplier in respect to said supplier dictionary, the application data including information as to whether or not the supplier dictionary is intended for open to public, a conformity level, and a license level;

a first determination device configured to determine whether or not said supplier dictionary is intended for open to public with respect to said application data;

a second determination device configured to determine charge level according to the conformity level and the license level included in said application data if the supplier dictionary is intended for open to public;

a first transmitter configured to transmit data indicating the determined charge level to said supplier;

a second transmitter configured to transmit a verification program to said supplier in order to verify, at the side of said supplier, the conformity at the conformity level indicated in said application data;

a third transmitter configured to transmit said standard dictionary to said supplier;

a charge processing device configured to charge said supplier in accordance with said determined charge level.

9. (Original) The system of claim 8, wherein if said supplier dictionary is not intended for open to public, the verification program for verifying the conformity at the conformity level indicated in the application data is transmitted to the supplier without charging the supplier.

10. (Original) The system of claim 8, further comprising:

a code issuing device configured to issue a supplier code for identifying said supplier, the supplier code being related to said application data.

11. (Original) The system of claim 10, further comprising:

a supplier information storing device configured to store data regarding the supplier while associating the data with the issued supplier code.

12. (Original) The system of claim 8, wherein said conformity level includes:

a first conformity level in which the supplier dictionary is in conformity with the standard dictionary regarding terms, but out of conformity regarding the classification hierarchy and the property;

a second conformity level in which the supplier dictionary is in conformity with the standard dictionary regarding an object of the component, but out of conformity regarding the classification hierarchy;

a third conformity level in which the supplier dictionary is in conformity with the standard dictionary regarding a part of the classification hierarchy, but out of conformity regarding the property;

a fourth conformity level in which the supplier dictionary is in conformity with the standard dictionary regarding a part of the classification hierarchy and the property thereof;

a fifth conformity level in which the supplier dictionary is in conformity with the standard dictionary regarding the entire classification hierarchy, but out of conformity regarding the property; and

a sixth conformity level in which the supplier dictionary is in conformity with the standard dictionary regarding the entire classification hierarchy and the property thereof.

13. (Original) The system of claim 8, wherein said license level includes:

a first license level in which the standard dictionary is used as it is;

a second license level in which a new candidate of value can be added to the property;

a third license level in which a new property can be added to the component class;

a fourth license level in which a new component class can be added to an lowermost layer of the classification hierarchy; and

a fifth license level in which a new component class can be added to any layer of the classification hierarchy.

14. (Original) The system of claim 8, wherein said verification program compares the definition of the supplier dictionary with the definition of the standard dictionary based on the given conformity level, and determines whether or not the conformity level is kept according to the obtained result of comparison.

15. (Currently Amended) A recording medium stored thereon a computer readable program for enabling a computer to accept and processes an application for conformity of a supplier dictionary to a standard dictionary using a computer system, said standard dictionary, which is used for an electronic catalog of a component, having a classification hierarchy consisted of a component class related to a tree structure and a property of the component class, said program comprising:

~~a function of~~ a first program code enabling the computer to receive application data for said application transmitted via a network from said supplier in respect to said supplier dictionary, the application data including information as to whether or not the supplier dictionary is intended for open to public, a conformity level, and a license level;

~~a function of~~ a second program code enabling the computer to determine whether or not said supplier dictionary is intended for open to public with respect to said application data;

~~a function of~~ a third program code enabling the computer to determine charge level according to the conformity level and the license level included in said application data if the supplier dictionary is intended for open to public;

~~a function of~~ a fourth program code enabling the computer to transmit said standard dictionary to said supplier;

~~a function of~~ a fifth program code enabling the computer to transmit data indicating the determined charge level to said supplier;

~~a function of~~ a sixth program code enabling the computer to transmit a verification program to said supplier in order to verify, at the side of said supplier, the conformity at the conformity level indicated in said application data; and

~~a function of~~ a seventh program code enabling the computer to charge said supplier in accordance with said determined charge level.

16. (Currently Amended) The method of claim 1, wherein said conformity level includes:

a first conformity level in which all of class terms in the supplier dictionary are derived from the standard dictionary;

a second conformity level in which some of class terms in the supplier dictionary are derived from standard dictionary, but others in the supplier dictionary are defined as locally;

a third conformity level in which all of class definitions in the supplier dictionary are derived from the standard dictionary;

a fourth conformity level in which some of class definitions in the supplier dictionary are derived from the standard dictionary, but others in the supplier dictionary are defined as locally;

a fifth conformity level in which all of class terms in the supplier dictionary are derived from the standard dictionary, and the classification hierarchy of the supplier dictionary is a part of classification hierarchy of the standard dictionary

a sixth conformity level in which some of class terms are in the supplier dictionary are derived from standard dictionary, but others in the supplier dictionary are defined as locally, and a part of the classification hierarchy of the supplier dictionary is a part of classification hierarchy of the standard dictionary;

a seventh conformity level in which all of class definitions in the supplier dictionary are derived from the standard dictionary, and the classification hierarchy of the supplier dictionary is a part of classification hierarchy of the standard dictionary;

[[a]] an eighth conformity level in which some of class definitions in the supplier dictionary are derived from the standard dictionary, but others in the supplier dictionary are defined as locally, and a part of the classification hierarchy of the supplier dictionary is a part of classification hierarchy of the standard dictionary;

a ninth conformity level in which all of class terms in the supplier dictionary are derived from the standard dictionary, and the classification hierarchy of the supplier dictionary is equal to the classification hierarchy of the standard dictionary;

a tenth conformity level in which all of class terms of the standard dictionary are included in the supplier dictionary , and local class terms are exist, and the classification hierarchy of the standard dictionary is a part of classification hierarchy of the supplier dictionary;

[[a]] an eleventh conformity level in which the supplier dictionary is equal to the standard dictionary; and

a twelfth conformity level in which the standard dictionary are included in the supplier dictionary , and local class definitions are exist.

17. (Currently Amended) The system of claim 8, wherein said conformity level includes:

a first conformity level in which all of class terms in the supplier dictionary are derived from the standard dictionary;

a second conformity level in which some of class terms in the supplier dictionary are derived from standard dictionary, but others in the supplier dictionary are defined as locally;

a third conformity level in which all of class definitions in the supplier dictionary are derived from the standard dictionary;

a fourth conformity level in which some of class definitions in the supplier dictionary are derived from the standard dictionary, but others in the supplier dictionary are defined as locally;

a fifth conformity level in which all of class terms in the supplier dictionary are derived from the standard dictionary, and the classification hierarchy of the supplier dictionary is a part of classification hierarchy of the standard dictionary

a sixth conformity level in which some of class terms are in the supplier dictionary are derived from standard dictionary, but others in the supplier dictionary are defined as locally, and a part of the classification hierarchy of the supplier dictionary is a part of classification hierarchy of the standard dictionary;

a seventh conformity level in which all of class definitions in the supplier dictionary are derived from the standard dictionary, and the classification hierarchy of the supplier dictionary is a part of classification hierarchy of the standard dictionary;

[[a]] an eighth conformity level in which some of class definitions in the supplier dictionary are derived from the standard dictionary, but others in the supplier dictionary are defined as locally, and a part of the classification hierarchy of the supplier dictionary is a part of classification hierarchy of the standard dictionary;

a ninth conformity level in which all of class terms in the supplier dictionary are derived from the standard dictionary, and the classification hierarchy of the supplier dictionary is equal to the classification hierarchy of the standard dictionary;

a tenth conformity level in which all of class terms of the standard dictionary are included in the supplier dictionary , and local class terms are exist, and the classification hierarchy of the standard dictionary is a part of classification hierarchy of the supplier dictionary;

[[a]] an eleventh conformity level in which the supplier dictionary is equal to the standard dictionary; and

a twelfth conformity level in which the standard dictionary are included in the supplier dictionary, and local class definitions are exist.

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